

5795F 2003 INT. 7400

D20-30

Preventive Maintenance and Inspection Checklist

Vehicle No. Vin DJ 253785 Location Coke Yard Date 8-13-26
 Model Number D3060TR Serial Number 1212FU0112
 Odometer 45022 Hours Meter — Inspector Phj

Perform all inspections, adjustments, repairs, and lubrication according to Altec specifications in the Maintenance Manual. Refer to any MABs, CSNs, or other applicable documents provided by Altec for servicing the unit.

If you are tracking PTO hours utilizing an approved method or device, follow the recommended hourly maintenance intervals, or if you are performing maintenance based upon a calendar-based schedule, follow the recommended monthly intervals. The required items apply to both interval-tracking systems.

Intervals

☐ Prior to placing unit in service
☒ 1,000 PTO hours/1 year

☐ 85 PTO hours/1 month
☐ 2,000 PTO hours/2 years

☐ 500 PTO hours/6 months
☐ Required maintenance

Symbols

✓ = Okay or completed
 U = Unsafe to operate

C = Corrected by inspector
 N/A = Not applicable

R = Repair or replacement required

Prior to Placing Unit in Service	
Perform the Daily Preoperational Inspection (refer to the Operator's Manual)	Rotation Bearing
	Turntable tilt measurement: <u>0.69"</u>
Hydraulic Reservoir and System	
Check oil and collect oil sample for analysis ¹	
85 PTO Hours/1 Month	
Perform the Daily Preoperational Inspection (refer to the Operator's Manual)	Auger windup sling clevis shear pin intact
	Fiberglass Boom(s)
General Condition	Upper boom (condition, clean)
Clean debris from turntable, cylinders, boom tip	Lubrication
Hydraulic Reservoir	Rotation bearing ball race
Oil level	Lift cylinder pivot bearings
Hydraulic System	Rotation pinion and bearing gear teeth
Pedestal (no leaks)	Outside surface of intermediate boom
Turntable (no leaks)	Outrigger inner leg outer surfaces
Auger Stow Bracket	
Auger windup sling	
500 PTO Hours/6 Months	
Perform the 85 hour/1 month inspection	4-bolt flange cap screws secure
PTO	Drive line
Operation, noise level, no leaks	Noise level
Mounting cap screws secure	No leaks
Supplemental Brake Lock	Unit Mounting
Operation (holding, no bleed-off)	Subbase mounting (fasteners secure, welds intact, no cracks)
Chassis Underside	Subbase structure (welds intact, no cracks)
Hoses (routing, condition)	Pedestal mounting (fasteners secure, welds intact, no cracks)
Exhaust shields	
Pump	Boom rest (welds intact, no deformation or cracks)
Mounting cap screws secure	

☒	Utility body mounting (cap screws secure, welds intact, no cracks)	☒	Digger speed switch (interlock circuit)
		☒	Pressure gauges
	Hydraulic Reservoir	☒	Cold oil/change filter light
☒	Mounting (cap screws secure, welds intact, no cracks)	☒	Tachometer
☒	No leaks	☒	Mechanical foot throttle (stop adjustment)
☒	Shutoff valves fully open	☒	Hydraulic foot throttle (air bleeding, oil level)
☒	Drain water from bottom		Pedestal
	Filters	☒	Structure (welds intact, no deformation or cracks)
☒	Change return line filter	☒	Hoses and tubes (routing, condition)
☒	Change pilot line filter	☒	No leaks
☒	Change sense line	☒	Rotary joint mounting cap screws secure
	Outriggers	☒	Rotary joint drive bracket (condition, in place)
☒	Mounting (welds intact, no deformation or cracks)	☒	Slip ring mounting cap screws secure
☒	Machine/ground level functions selector valve (operation, no leaks)	☒	Throttle circuit (hydraulic swivel mounting bracket and drive bracket secure) <i>Elc</i>
☒	Two-speed throttle switch operation	☒	Placards (condition, readable)
☒	Interlock system operation		Turntable
☒	Operation (holding without drift, no leaks)	☒	Structure (welds intact, no deformation or cracks)
☒	Structures (welds intact, no deformation or cracks)	☒	Boom pin and retainers secure
☒	Pins and retainers secure, retaining cap screws secure	☒	Lift cylinder pivot pin and retainers secure
☒	Motion alarm	☒	Hoses and tubes (routing, condition)
☒	Hoses and tubes (routing, condition)	☒	No leaks
☒	Placards (condition, readable)	☒	Placards (condition, readable)
☒	Control valves (operation, no leaks)	☒	Rotary joint mounting cap screws secure
	Lower Tools Circuit	☒	Slip ring mounting cap screws secure
☒	Operation, no leaks	☒	Rotary joint drive bar cap screws secure
☒	Hoses (routing, condition)	☒	Rotary joint water drainage notches (open)
☒	Quick disconnect couplers (condition, operation, dust caps)	☒	Junction box electrical connections secure
	Hydraulic System Pressure		Rotation Bearing and Gearbox
☒	Outrigger and boom functions system (<i>350</i> psi)	☒	Gearbox mounting cap screw visual inspection
☒	Standby, blocking valve closed, 350 psi	☒	Motor mounting cap screws secure
☒	Standby, blocking valve open, 500 psi	☒	Eccentric ring lock (in place, secure)
☒	Tool system pressure (<i>200</i> psi)	☒	No leaks
☒	Digger/winch relief pressure (<i>265</i> psi)	☒	Rotation bearing and pinion gear teeth condition
☒	Pilot system (<i>350</i> psi)	☒	Pinion to rotation bearing gear backlash
	Lower Controls	☒	Gearbox internal lost motion
☒	Placards (condition, readable)	☒	Operation (smoothness, noise level)
☒	Panel night lights (operation)	☒	Rotation bearing cap screw visual inspection
☒	Engine start/stop switch (operation)	☒	Rotation gearbox brake adjustment
☒	Lower/emergency stop/upper control switch (operation)	☒	Rotation bearing inspection and measurement (<i>after</i> 0.050" increased wear from initial measurement) ²
☒	Controls (rubber boots intact)		Lift Cylinder
☒	Operation, no leaks	☒	Pivot bearings secure within cylinder eyes
☒	Lower control valve (operation, no leaks)	☒	Pin retainers secure
☒	Toggle switches (safety covers and seals intact)	☒	Velocity fuse in place

☒	Operation, no leaks	☒	Sheaves (condition, turn freely)
☒	Holding valves (operation, no leaks)	☒	Sheave pins and retainers secure
☒	Chromed rod condition	☒	Rope retaining pin above upper sheave in place
Extension Cylinders		Pole Guide	
☒	Upper boom extension cylinder trunnion pins secure	☒	Structure (welds intact, no deformation or cracks)
☒	Upper and intermediate boom cylinder pins and retaining rings secure	☒	Tongs (no deformation or cracks)
☒	Intermediate boom cylinder cap screw and jam nut secure	☒	Cap screws secure
☒	Hoses and tubes (routing, condition)	☒	Hoses and tubes (routing, condition)
☒	Operation, no leaks	☒	Operation, no leaks
☒	Holding valves (operation, no leaks)	☒	Pole guide/intermediate boom extension interlock
Feeder Tubes		Boom Tip Power Package	
☒	Mounting nuts secure	☒	Hose carrier track (links pivot freely)
☒	No leaks	☒	Fiberglass tube condition
☒	Chromed rod condition	☒	Hoses and tubes (routing, condition, no leaks)
Lower Boom		☒	Upper controls cable (routing, wire ties)
☒	Structure (welds intact, no deformation or cracks)	☒	Transfer operation and retaining pin alignment
☒	Lift cylinder pivot pin and retainers secure	Platform	
☒	Slide bearing nuts and cap screws secure	☒	Mounting secure (bracket, pins and fasteners)
☒	Fasteners secure	☒	Storage lock detent pin operation
☒	Boom stow switch operation	☒	Brake (adjustment, pad and rotor condition)
☒	Boom angle indicators	☒	Platform (condition, clean)
☒	Remove any debris from inside lower boom	☒	Liner (condition, clean, fasteners secure)
Intermediate Boom		☒	Placards (condition, readable)
☒	Structure (welds intact, no deformation or cracks)	☒	Lanyard attachment secure
☒	Surface condition	Upper Controls	
☒	Winch rope rollers turn freely	☒	Placards (condition, readable)
☒	Pins and retainers secure	☒	Emergency stop operation
☒	Fasteners secure	☒	Control handles (throttle pickup)
☒	Two-part load line attachment	☒	No operation in upper controls Off position
Upper Boom		☒	Intermediate and upper boom sequencing operation
☒	Fiberglass fasteners secure	☒	Engine start/stop control
☒	Fiberglass (condition, clean)	☒	Placards (condition, readable)
☒	Boom tip fasteners secure	Tools at Platform	
☒	Remove any debris from inside upper boom	☒	Quick disconnects (condition, operation, no leaks)
Transferable Flares		☒	Quick disconnect dust caps (condition, in place)
☒	Structure (welds intact, no deformation or cracks)	☒	Hoses (routing, condition, no leaks)
☒	Transfer operation and pin alignment	Turntable or Boom Tip Winch	
☒	Fasteners secure	☒	Gearbox mounting cap screws secure
Upper Boom Tip		☒	Motor mounting cap screws secure
☒	Structure (welds intact, no deformation or cracks)	☒	Outboard output shaft bearing secure
☒	Mounting to upper boom secure	☒	Operation, no leaks
☒	Platform mounting tubes secure	☒	Brake adjustment
		☒	Winch line (condition, anchor point secure)
		☒	Winch drum set screw secure against output shaft

Auger Stow Bracket		Rotation brake set per Section 5: _____ lbs
☒	Structure (welds intact, no deformation or cracks)	Lubrication
☒	Fasteners secure	Boom pin
☒	Auger stow switch operation	Auger stow bracket latch
☒	Auger release operation	Winch gearbox outboard bearing
☒	No leaks	Intermediate winch line roller(s)
Digger		Rotary joint
☒	Operation, no leaks	Boom tip winch worm bearings
☒	Noise level	Digger link pivot pins
☒	Two-speed shift operation	Corner mount outrigger pivot pins
☒	Hoses (routing, condition)	Auger stow switch plunger
☒	Bail pivot pin nuts secure	Boom stow switch plunger
Digger Link and Hanger Bracket		Platform brake detent pin
☒	Structures (welds intact, slide bearing, no deformation or cracks)	Digger hanger bracket latch pivot point
☒	Link pivot pin or retainers secure	Pole guide tong gear teeth
☒	Fasteners secure	Boom angle indicator
☒	Latch and latch keeper (alignment, operation)	Platform brake linkage
☒	Latch weldment lug operation	Outrigger valve handle linkage
Auger and Extension Shaft		Auger windup sling (wire rope)
☒	Flighting condition	Winch line (wire rope)
☒	Teeth and pilot bit condition	Transferable boom flares and pole guide assembly retaining pin and boss(es)
☒	Windup sling lug, weld intact	Platform mounting pin and boss
☒	Extension shaft, auger retaining cap screws secure	Intermediate boom outer surface
☒	Extension shaft and auger straight	Outrigger inner leg outer surface
Hydraulic Overload Protection		Digger gearbox oil level
☒	Operation	Rotation gearbox output shaft upper bearing
Side Load Protection		Rotation gearbox oil level
☒	CCW sideslip set per Section 5: _____ lbs	Winch gearbox oil level
☒	CW sideslip set per Section 5: _____ lbs	
Required Maintenance (Regardless of Hours)		
Annual Testing		Dielectric test platform liner(s)
☒	Dielectric test unit	
1,000 PTO Hours/1 Year		
☒	Perform the 500 hour/6-month inspection	Collect oil sample for analysis ¹
Hydraulic Reservoir and System		Rotation Bearing and Rotation Gearbox
☒	Clean suction filter	Annual torque inspection
☒	Change filler breather cap filter	Lubrication
☒	Clean or change filler hole strainer	Pump input shaft splines
☒	Reservoir cover gasket condition	
2,000 PTO Hours/2 Years		
☒	Perform the 1,000 hour/1 year inspection	Clean inside of reservoir
Hydraulic Reservoir and System		Clean magnetic suction separator filter
☒	Flush hydraulic system	Change hydraulic oil